

Allen County HamNews

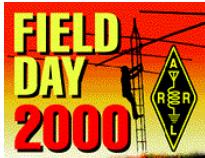
Fort Wayne Radio Club

Allen County Amateur Radio Technical Society

June 2000

Volume 1 Issue 6

HOG ROAST - FIELD DAY - HOG ROAST



Come one come all to the Fort Wayne Radio Club Field Day-Hog Roast. This scrumptious meal will consist of roasted and bar-be-qued hog, kraut, baked beans and table service. This feast will be served at 5:30 p.m. on Saturday of Field

Day Weekend. The price of this meal is just \$8.50 per person. What could be more appropriate to serve with a bunch of hams operating all weekend? Please call Carole Burke, 637-1989 to reserve your share by June 20. We hope to see all of you there.

FIELD DAY 2000 – June 24 - 25 McMILLEN GIRL SCOUT CAMP

Once again, the Fort Wayne Radio Club will hold their Field Day activities at the McMillen Girl Scout Camp. This facility is located north of Fort Wayne, not too far from the DeKalb county border. (see maps on pg. 6.)

The coordinator for the Field Day activities is our FWRC communications manager, Clint Stedge. He can be reached at 485-4067. Please call Clint if you have rigs, computers, or yourself to volunteer for the FD effort.

It is still unknown whether we will be in the building known as the LODGE or a newer building called the Cedar Creek Cabin. Both buildings have plenty of room and are air conditioned. Most stations will be set up outside in tents, but one station may be set up inside for those that may be physically challenged or are unable to put up with the heat. Power will be supplied by the generator in the FWRC trailer.

The hog roast on Saturday evening will feature a real hog. Tickets are \$8.50 and may be purchased at the site. Other tickets may be bought at the FWRC meeting on June 16th.

CAMP RULES:

The Girl Scouts have some simple rules that they request visitors follow when they are using the camp. Here are the highlights of the rules:

NO Alcoholic beverages or illegal drugs on any Girl Scout property. QUIET TIME: From 10:00 p.m. to 8:00 am please minimize noise, including driving in and out of the camp area.

NO SMOKING: There is no smoking allowed inside any of the camp buildings, tents, or trails. Please use caution when smok-

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ing outside. Trails: The hiking trails in the camp are for foot traffic only. No bicycles or motorized vehicles please.

SPEED LIMIT: The speed limit in the camp is 10 mph.

A complete list of all camp regulations and policies will be on

Continued on page 6

Allen County HamNews is a monthly joint publication of the Fort Wayne Radio Club (P.O. Box 15127, Fort Wayne, IN) and the Allen County Amateur Radio Technical Society (P.O. Box 10342, Fort Wayne, IN).

Allen County HamNews is produced on a Macintosh 8500 using Adobe PageMaker.

Please send any articles, corrections, for sale notices, etc. to the editor, Victor Guess, WB9UZA, (wb9uza at arrl.net). (You know where the @ sign goes don't you!) Please put "for newsletter" in the Subject line. Text should be plain ASCII, graphics should be JPEG or GIF. For those computer impaired: snail mail to 3311 Sanibel Drive, Fort Wayne, IN, 46815-4755.

**Deadline is the last Friday of the month.
Please do NOT send anything in all caps!!**

Internet Home Pages:

Fort Wayne Radio Club:
<http://home1.gte.net/n9iww2/fwrc/>
ACARTS site:
ACARTS: <http://www.acarts.com>

Hamsplatter

Fort Wayne Radio Club

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President's Corner

The months of May and June hold a great deal of significance for the Ham Radio world, what with the Dayton Hamvention and the biggest party-on-the-air, Field Day. For me personally, this year was my very first pilgrimage to the greatest Hamfest of them all. Did I like it?

Let's just say this: next year I'm bringing a bigger car and a bigger wallet!

Field Day is the other event that will occupy the minds of most amateurs for the near term. For the Fort Wayne Radio Club this means another trip to the northeast of Allen county to McMillen Girl Scout Camp. Our friends at ACARTS are invited to join us, as is any amateur that would like to help set up, operate, enjoy a hog roast, and take down. Full details on our effort this year are included in a separate article in this newsletter. Please take a few moments to read it over.

Our most sincere thanks to the Allen County Amateur Radio Technical Society for their generous offer to pick up the first major chunk of expense for the Tower Ordinance legal defense. Hopefully, this issue will soon be behind us, and amateurs in the county can keep enjoying putting aluminum into the air! Thanks again, ACARTS!

By the way, if any of you out there have not seen the movie FREQUENCY, by all means try to catch it at the theater! This movie is a science fiction / action thriller with Ham radio as a central feature of the plot. Ham operators are actually portrayed as real people, not weird techno-geeks, and the twists and turns of the plot keep you on the edge of your seat for most of the movie. Even non-hams will love it! (It has a 3.5 star rating!) The hero of the movie is an old Heathkit SB series rig.

How many of you caught the letter to QST by our own vice president, N9TB, Tom Baker? See the June issue correspondence section to read Tom's opinion on the subject of restructuring and "dumbing down". I agree with Tom's stance; give it a look and see what you think.

At our last board meeting, we agreed to try a "meeting-on-the-air" to supplement our monthly board meetings. These informal gatherings will take place on the Sunday before our regular club meetings and also the Sun-

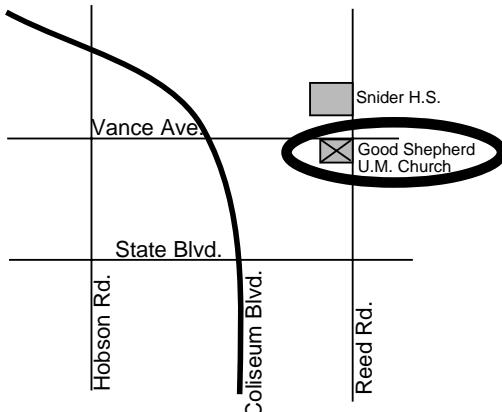
day after each meeting. Time is 8:00 PM, and the place is the 146.76 repeater. Just like our board meetings and club meetings, all members are invited to "attend" and listen and voice their opinions. Since we are all hams, it seemed logical to put our great medium to work to help strengthen the club. See you on '76!

Also happening on June 17th this month is the annual Diabetes Walk-a-thon. FWRC will be providing communications support for this event. Please come along and help out, or at the least, be a participant and help the cause of finding a cure for this terrible disease.

This month our club meeting is on Friday, June 16th. Anyone planning on participating in the upcoming Field Day activities at Camp McMillen should try to attend as this meeting will be focused on preparations for this year's event. Also, we will be going over the diabetes walk-a-thon which is on Saturday the 17th. Remember, you do not have to be a FWRC member; as always everyone is welcome! See you there!

See you on the air! 73, Steve

June Meeting
Friday, June 16, 2000, 7:30 PM
Good Shepherd United Methodist Church, corner of Vance Ave. & Reed Rd.
Program: Field Day Preparations



**Ft. Wayne Radio Club Meeting Minutes
14 May 2000**

The May meeting of the Ft. Wayne Radio Club was held on 12 May 2000 at the Good Shepherd United Methodist Church, president Steve Nardin hosted the meeting. There were about 18 attendees. As this was the Spring Banquet, the business meeting was very short.

The minutes from the April meeting were read and there were no corrections.

There was no Treasurer's report.

Steve Nardin noted that the 100 lb. Propane tank used to fuel the club's generator had failed and is not repairable. He asked if anyone might have any 20 lb. tanks that they could donate for Field Day use. In addition, he asked if anyone could store the generator and trailer following Field day. Jim Pliett indicated that he could store the trailer.

The 50/50 pot was won by Larry Temenoff.

Following the meal, News Sentinel feature writer Nancy Nall provided the attendees with a presentation on the interesting people and subjects she has run across in the course of preparing her newspaper column.



Respectfully submitted

Al Burke, WB9SSE
Secretary, FWRC

Editor's note: Be sure to read Jim Pliett's note to Nancy Nall and her reply on page 7.

FWRC Spring Banquet Pictures

STATE OF THE ARTS

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President's Message



During the month of June, the radio amateur's thoughts turn to field day. For the new hams, field day is the annual national exercise to prepare us for emergencies. You take your equipment and literally setup out in a field, away from the comforts of home. You set up towers and tents, and generate your own power. Then you operate for a 24 hour period to make contact with other hams. There is something for everyone to do during field day. Some people like doing the grunt work of setting up and teardown. A lot of help is needed here. Other people like to operate, and many people are needed here to, especially in the late evening hours. I remember my first field day. I wasn't licensed yet, but I went out to help. On a Friday afternoon we got together to set up the towers and antennas. On Saturday morning we set up the rest of the equipment and the tents. I helped log in the novice tent during the afternoon. In the late evening I was in the regular CW tent logging for those operators. A good way to help increase your copying speed. The Ham I was logging for could copy CW in his head at 35 words per minute. It was a fun weekend as I slept over night at the site. Those of you who are new hams and have never experienced field day, I encourage you to attend a field day

site. We have been invited to participate with the Fort Wayne Radio Club at their field day site. Look for details and directions in the FWRC section of this newsletter. Well that's all for this month.

73, Vic KA9LTV

June ACARTS Meeting Program

Presentation Title: **Satellite Imaging via VHF**
Low Earth Orbiting (LEO) satellites conveniently transmit visible and infrared imagery via VHF. A simple commercial scanner and omnidirectional antenna can receive these transmissions as the satellite passes overhead. Software to predict the satellite pass and decode the audio signal into computer images is available on the internet. Joseph Lawrence (KB9RFZ) will discuss his homebuilt quadrifilar helical antenna and display recently collected satellite imaging results.

Joseph Lawrence is a technical staff engineer in the space systems group at ITT Aerospace and teaches introductory physics at IPFW part-time. His hobbies and research involve radio principles, but he rarely makes use of his technician class license.

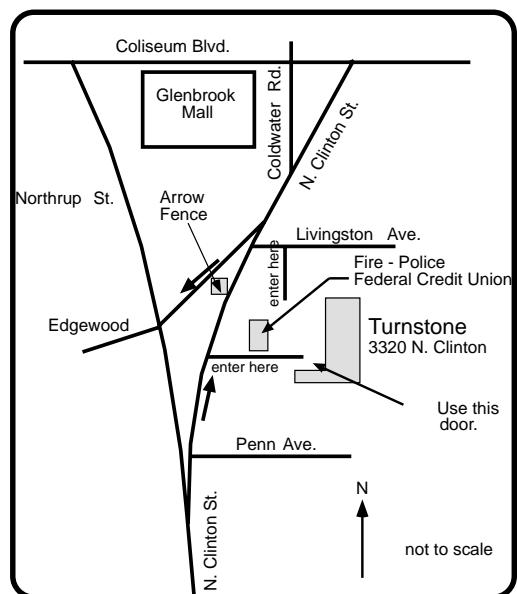
June Meeting Schedule

All meetings are at 7:30 PM at Turnstone unless otherwise noted.

Board Meeting: Tues. 6/13/00 All members are encouraged to attend.

General meeting: Tues. 6/27/00
Program: Satellite Imaging via VHF

Tech Committee: Wed. 6/28/00 7:00 PM - Everyone is welcome.



ACARTS May Board Meeting Minutes

The meeting began at 7:40 PM with 9 in attendance.

Nothing new to report from the Secretary (Don, WB8HQS), the Vice President (Dave, W9LKH) nor the Newsletter Editor (Vic, WB9UZA).

Howard, N9ADS gave the Treasurers report, and a discussion was held as to what portion of the Allen Country Tower ordinance costs ACARTS should pay. It was proposed by Howard that we pay the first \$2,500 of the costs, and split anything over that with FWRC and the FWDXA. This action is being taken to show our appreciation for the help that FWRC and FWDXA members give us at hamfest time. The motion was passed by a unanimous vote.

Howard also passed out copies of the Sheriffs letter to the Allen County Zoning Commission in support of our need to be able to have towers. It was a very well written letter.

John, N9IYI, discussed the May activities, which are supposed to be Emery, KB9IBW talking about the Tech Committee. As soon as it is confirmed, it will be announced on the net, and will be put on the web site.

The April Banquet had an attendance of approximately 50, and everybody really enjoyed the food, the socializing, and the program put on by the Samaritan air ambulance crew. John also asked if anyone had some video from previous Field days.

Doug, N9NNT, is getting bids on new antennas for the tower. We will be replacing all 3 2M antennas, the 440 antenna and the 220 antenna. We will also be replacing the jumpers from the top of the hard line to the antennas. The antennas will be Super StationMasters and the jumpers will be commercial built. As soon as we get a delivery date for the antennas we will schedule the antenna crew in.

The 255 repeater is down for receiver and power amp repair, and should be ready by the time the antenna is replaced.

Jim, KB9IH, discussed hamfest activities, and that he is updating the hamfest vendor letter and Howard is working on the mailing labels. Jim said he finally found a hamfest file that his wife had filed for him.

Howard motioned that we adjourn the meeting at 8:06 and it was seconded by Doug.

Respectfully submitted by Don Gagnon, WB8HQS

ACARTS May General Meeting Minutes

The May 23rd ACARTS General Meeting was called to order by President Vic Berko, KA9LTV, at 7:35 PM.



We started with introductions all around of the 16 members in attendance.

Emery, KB9IBW, read a list of equipment that was being offered for sale by a Dr. Harris (he didn't mention his call), in case anyone was interested in purchasing any of it. It was quite a list and some very good prices.

Emery then led a discussion on the status of the Tech Committee, and where it is going in the future. Based upon emails and phone calls he has received, and on discussions during this meeting, the following ideas & suggestions were made:

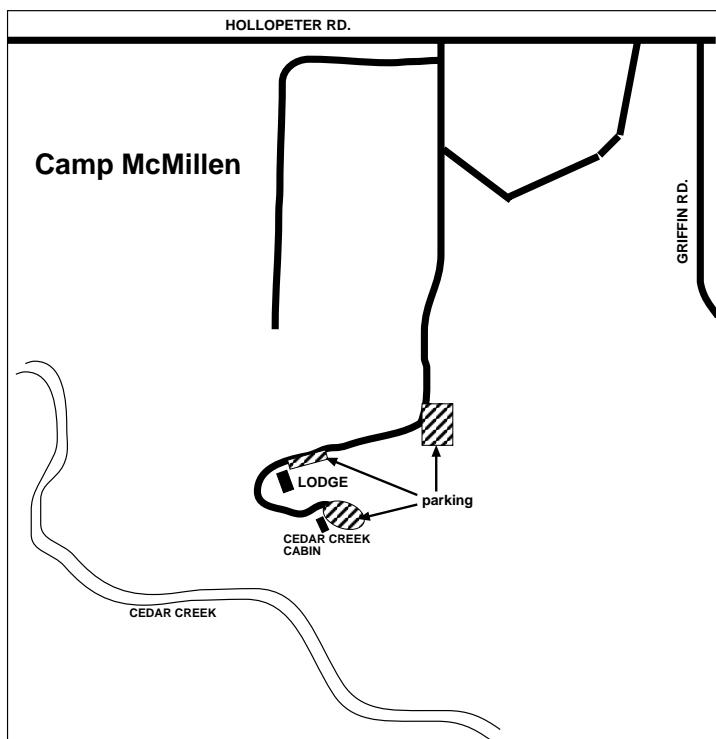
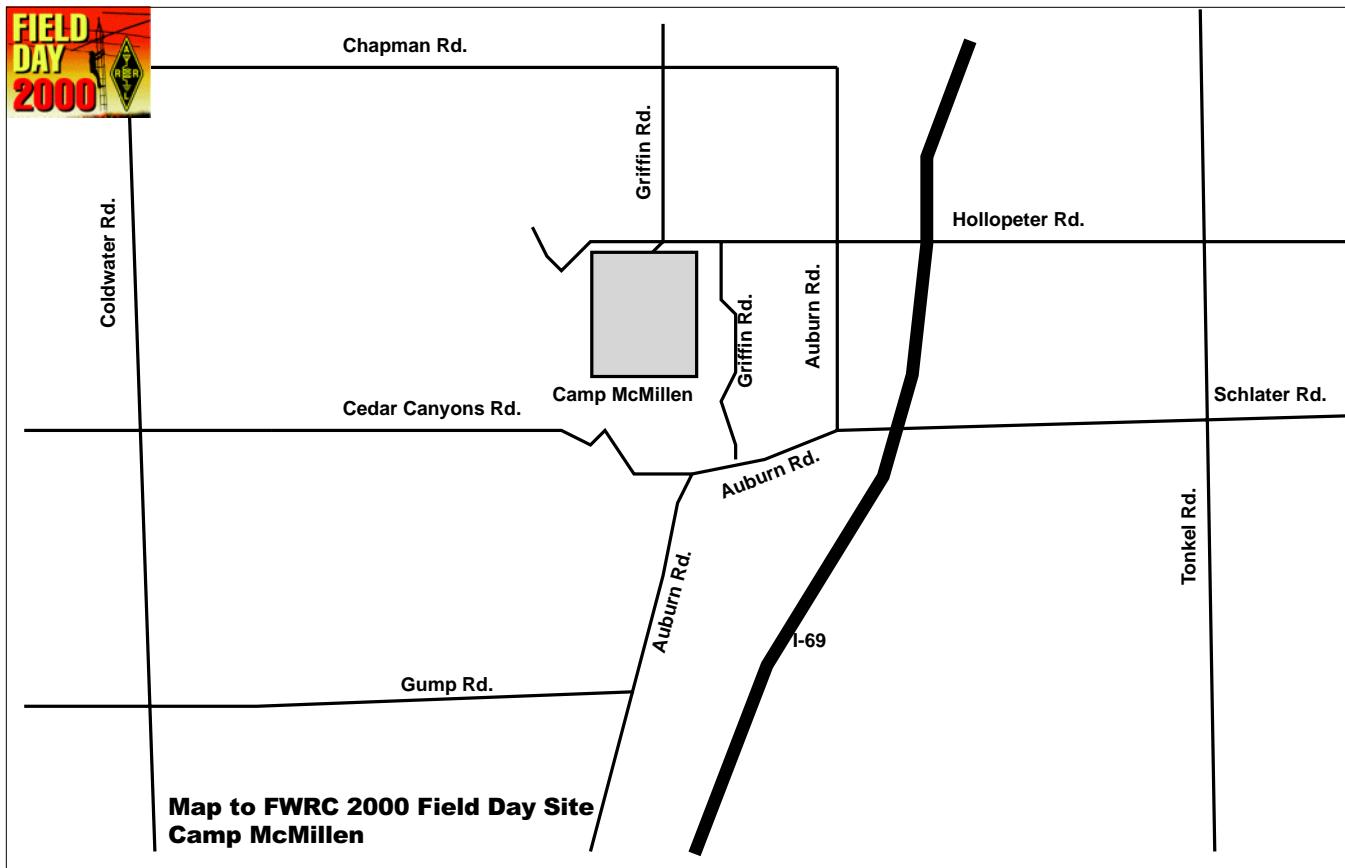
* Suggested changing the format from kit building and construction projects to more socialization, on-the-air operations and helping with technical issues. The possibility of working and even setting up our own special events station was another possibility.

* Discussed the status of the antennas at Turnstone. It was thought that we will have to wait until after Turnstone completes their building project (probably November) to determine exactly where we stand on antennas. The status of the donated tower and beam was not known. There was also talk about resurrecting the all-band vertical (presently lying on the ground on the south side of the building) to get back on the air right away.

Greg, KB9LDU, discussed this years Field Day. After getting an invitation from the Fort Wayne Radio Club to join them in a joint venture, it was unanimously agreed that it was a great idea and we would proceed that way. That way we can help share the expenses of renting the Girl Scout lodge, and can get a good turnout with the combined membership of both clubs. Greg will coordinate the efforts with the FWRC Field Day Chairman.

The meeting broke for refreshments about 8:20 PM, and we were shown a video of a past ACARTS Field Day. John, N9IYI showed us his Gel cell powered HF station that he uses for Field Day and other portable operations. He forgot to bring his portable long wire, but the TV set rabbit ears made a hasty substitute to at least be able to listen!

Don Gagnon, Secretary



Detailed Map of Camp McMillen

Field Day – Continued from page 1

display at the Field Day site. Let's make an effort to abide by the rules. Good comments have been received about our visit last year, and we want to keep our reputation in good standing.

FIELD DAY TIME TABLE:

SETUP: 8:30 a.m. , on Saturday morning, June 24

START OF FD: 1:00 p.m. EST Saturday, June 24

HOG ROAST: 5:30 p.m. Saturday, June 24

END OF FD & TAKE DOWN: 2:00 p.m. Sunday, June 25, complete by 4:00 p.m.

FIELD DAY CLASS AND STATION INFO: At this time, we believe that we will have a class 5A rating. All power will be generator supplied. We are currently planning on having stations from 160 meters through 70 cm, except 220.

STEVE NARDIN
WB9ZIY

Jim Pliett's Note to Nancy Nall

Dear Nancy,

First, I personally want to thank you for being our featured Speaker for the Fort Wayne Radio Club Spring Banquet. Even the most skeptical of our audience was delighted with your presentation. Next, let me offer an explanation of our sparse turnout. When the Club supported more members (over 200) and fund raisers, we catered in our banquet and it was free to anyone who came to the meeting. It was typical to see from 50 to upwards of 100 members in attendance. Since the membership has dropped and all of the same officers and volunteers have become somewhat burnt out, fund raisers have also decreased. Of course, this has meant budget cuts. This year we ask members to bring in a covered dish to join in the meeting. The rest is history. I think your opening statement got my attention. It was a quote from your Husband; "Ham radio operators, you mean they are still around?" I want to think that we can again be a Club that represents a hobby that matters, but we have to find a way to attract new and younger talent. That's a pretty tough sell, given the instant gratification of cell phones and the internet. Nancy, we as Hams still have one important ace to play.....we can, and will communicate when the big disaster hits and all the power goes out.

Thank you again

Jim H. Pliett (K9OMA)

Nancy's reply:

Jim,

Thanks for the nice note, and thanks for the update on the club. I'm sorry you're having difficulty finding new members, but like the newspaper industry, I think you've likely been a victim of changing times and rampaging technology. However, the folks you had there seemed pretty enthusiastic, so I'd say you have a future, albeit a very different one than you might have preferred.

Thanks for the dinner. It was more than adequate, and I love the meatballs — really.

Best regards,

Nance.

FCC Debuts ULS Internet Filing!

from *The ARRL Letter* – Amateurs now can file Universal Licensing System applications via the Web! With little fanfare, the FCC opened ULS to Internet filers on April 29. It formally announced the system this week.

ULS users now can file applications and notifications via the Internet for all services previously only available by dial-up connection to the Commission's Wide Area Network. To access the new capability, visit the ULS home page <http://www.fcc.gov/wtb/uls> and click on "Online Filing." (Users may ignore the on-line survey.) Applicants must first be registered with ULS and use their ULS password to log onto the system.

The ULS—the FCC's interactive online licensing application, modification and renewal system for wireless telecommunications services—was deployed for the Amateur Service last August 16. ULS also lets users research the status of applications filed in ULS and licenses issued by the Wireless Telecommunications Bureau.

**Amateurs now
can file Universal
Licensing System
applications via
the Web!**

WTB Chief Thomas Sugrue said this week that many ULS users had requested the ability to access ULS through the Internet in order to utilize their high speed Internet connectivity. He also addressed concerns about the security of transactions handled via the Internet.

"We now have the technology in place that assures the integrity and security of data transmitted over the Internet along with high speed connectivity," he said. "This is another step forward in the expanding functionality of ULS."

The FCC has told the ARRL that making online payments—to file a vanity call sign application and pay on line, for example—requires that users be running the 128-bit encryption version of Netscape Communicator Ver 4.73 or later. The FCC says Netscape 4.7, 4.61 and 4.51 have been tested and are compatible with the ULS. While different browsers and platforms other than Windows-based systems may work for some ULS functions, the FCC currently supports only these recent versions of Netscape for online filing tasks. Netscape 4.6 and versions earlier than 4.51 are not compatible with ULS, however.

Filers should configure browsers to enable Java and Java Script and to accept all cookies. Users also will need to download and install Adobe Acrobat Reader 3.0 or later as a plug-in to their Web browser. Netscape and Acrobat are available free via the Internet.

ULS support for other browsers and platforms, such as the Mac, is in the works and should be available shortly. The FCC will continue to provide dial-up access to the ULS. Information on making a dial-up connection is available via the ULS home page by clicking on "Connecting to ULS."

Those experiencing problems logging onto the ULS should contact ULS Tech Support at 202-414-1250.—FCC



Severe Weather in May: Downbursts and Hail

After what started out as a quiet season, severe weather blew into northeast Indiana and northwest Ohio - literally.

The winds began blowing on Tuesday May 9th. Late in the afternoon, a very strong squall line moved through the area. Spotters reported hail as big as golfballs, and winds as high as 70 miles per hour - all at the leading edge of the storm. The gust front caused the most damage from the Huntertown area east across the northern part of Allen County, as well as some damage near the Allen-Wells county line. The city of Fort Wayne was also hit hard: many trees and power lines were down. Over 15,000 people were without electric power in Fort Wayne and Allen County.

Just three days later on Friday May 12 the Storm Prediction Center determined our area was at "moderate" risk for severe thunderstorms. The storms formed in mid-afternoon in western Illinois and moved across a tornado watch area that had been issued for northern Illinois and northwestern Indiana. Early in the evening, another tornado watch was issued that included all of northeast Indiana and northwest Ohio, but when the thunderstorms reached our area they had weakened considerably. The entire area from Michigan to Texas experienced severe weather that day; at one point there were nine separate tornado or severe thunderstorm watches in effect - all ahead of a very strong cold front that was moving across the central part of the United States.

The severe weather returned on Thursday May 18th with basically the same scenario as May 9th: a strong squall line with downburst-strength winds at the leading edge. And again, there was quite a bit of tree damage and power outages reported by spotters, especially in the city of Fort Wayne (yours truly was without power for 12 hours).

A big "Thank You!" to all of the spotters who participated, especially those who reported wind, hail, heavy rain, and damage during these events. The list of reporting stations is too long to mention here - I had almost 50 entries on my log sheet for one night alone. Also thanks to Bill WD9HII and Doug N9NNT for their efforts as net controls. After I e-mailed my log to the National Weather Service, I received a return message that was addressed to everyone: "Thanks as always for your great reports".

from Joel KB9RH

SKYWARN Saves The Day

From *The ARRL Letter* – The evening of May 10, the FAA radar serving Boston's Logan Airport went down during a thunderstorm. The Connecticut SKYWARN team was asked to get weather data. Roger Jeanfaivre, K1PAI, Harvey Broverman, K1PZS, and Jim McBride, KD1LD, passed weather data to the National Weather Service via telephone and repeater. The Norwich repeater was in priority use with Robert Macedo, KD1CY, and William Granfield, N1YOQ, at NWS and KD1LD running the net. Weather data was passed to NWS on this repeater.—Jim McBride, KD1LD via Connecticut ARES reflector

Regional Hamfests

<u>Date</u>	<u>Location</u>	<u>Contact Phone</u>	<u>URL or E-mail</u>
11 Jun 2000	Wabash, IN	219-833-7372	wial@netusa1.net
11 Jun 2000	Wheaton, IL	630-963-4922	http://cyberconnect.com/orion/smcc.html
18 Jun 2000	Crown Point, IN	219-696-8324	terpstra@netnitco.net
18 Jun 2000	Monroe, MI	734-457-4977	pandora@tdi.net
8 Jul 2000	Indianapolis, IN	317-257-4050	http://www.indyhamfest.com
9 Jul 2000	Bowling Green, OH	419-354-1811	http://www.wcnet.org/cluborgan
22 Jul 2000	Cincinnati, OH	513-541-6935	http://www.qsl.net/k8sch
5 Aug 2000	Columbus, OH	614-846-7790	kb8kpj@cs.com
6 Aug 2000	Angola, IN	219-475-5897	sharon.l.brown@gte.net
13 Aug 2000	Greentown, IN	765-668-4814	ka6nqwnick@netusa1.net
9 Sep 2000	Spencer, IN	812-829-2140	
17 Sept 2000	Cincinnati, OH		n8jp@arrl.net
23-24 Sep 2000	Grayslake, IL	708-457-0966	mbrost@cin.net

For more complete information go to <<http://www.acarts.com/hamfests.htm>>.

VEC Schedule

NOTE: ARRL-VEC to charge for code tests: Starting with the inception of the new FCC Amateur Radio licensing rules on April 15, 2000, the ARRL-VEC will charge a test fee of \$6.65 to take the Element 1 (5 WPM Morse code) test. Until April 15, the 5 WPM Morse code test (Element 1A) and/or the Novice written test (Element 2) are free at ARRL-VEC test sessions.

10-Jun-2000

Sponsor: TOLEDO MOBILE RADIO ASSOC
Time: 8:30 AM (Walk-ins allowed)
Contact: ROSS H MERGENTHALER (419)693-3023
VEC: ARRL/VEC
Location: MAUMEE COMMUNITY CENTER 222 CONANT ST
CORNER OF WAYNE ST
MAUMEE, OH 43537

17-Jun-2000

Sponsor: MICHIGAN CITY ARC
Time: 08:00AM (Walk-ins allowed)
Contact: ROBERT A LYLES (219)874-3386
VEC: ARRL/VEC
Location: RED CROSS CHAPTERHOUSE 232 E 8TH ST
K9ET@ARRL.NET
MICHIGAN CITY, IN 46360

17-Jun-2000

Sponsor: W5YI-VEC
Time: Call for time and walk-in info
Contact: RICHARD H MC GUIRE (517)782-1430
VEC: W5YI VEC
Location:
CALL FOR SITE LOCATION & TIME
JACKSON, MI 49204

20-Jun-2000

Sponsor: UNSPONSORED
Time: 6:30 PM (Walk-ins allowed)
Contact: TERRY L MILLER (765)457-2449
VEC: ARRL/VEC
Location: UAW LOCAL 1166 2761 N 50 EAST RD
KOKOMO, IN 46902

24-Jun-2000

Sponsor: HANCOCK COUNTY ARC
Time: 9:00 AM (Walk-ins allowed)
Contact: ROBERT W SIMCOX (317)861-9621
VEC: ARRL/VEC
Location: SHERIFF'S BUILDING
EMERGENCY MANAGEMENT CENTER 123 E MAIN ST
GREENFIELD, IN 46140

24-Jun-2000

Sponsor: SUBURBAN ARA
Time: 09:00AM (No walk-ins)
Contact: THOMAS L COPELAND (419)826-7401
VEC: ARRL/VEC
Location: DELTA PUBLIC LIBRARY 402 MAIN ST
PRE-REGISTRATION ONLY
DELTA, OH 43515

01-Jul-2000

Sponsor: UNSPONSORED
Time: 09:00AM (Walk-ins allowed)
Contact: PEGGY COULTER (765)288-0481
VEC: ARRL/VEC
Location: CIVIL DEFENSE BUILDING
SW CORNER STATE RD 3 & 100 N
NEW CASTLE, IN 47362

08-Jul-2000

Sponsor: TOLEDO MOBILE RADIO ASSOC
Time: 8:30 AM (Walk-ins allowed)
Contact: ROSS H MERGENTHALER (419)693-3023
VEC: ARRL/VEC
Location: MAUMEE COMMUNITY CENTER 222 CONANT ST
CORNER OF WAYNE ST
MAUMEE, OH 43537

09-Jul-2000

Sponsor: WOOD COUNTY ARC

Time: 09:00AM (Walk-ins allowed)
Contact: ROBERT I BOUGHTON (419)354-1811
VEC: ARRL/VEC
Location: WOOD COUNTY FAIRGROUNDS
ADMINISTRATION BLDG-2ND FLOOR
W POE RD
BOWLING GREEN, OH 43402

15-Jul-2000

Sponsor: W5YI-VEC
Time: Call for time and walk-in info
Contact: RICHARD H MC GUIRE (517)782-1430
VEC: W5YI VEC
Location:
CALL FOR SITE LOCATION & TIME
JACKSON, MI 49204

15-Jul-2000

Sponsor: KALAMAZOO ARC
Time: 09:00AM (Walk-ins allowed)
Contact: DAVID H WATT (616)345-8892
VEC: ARRL/VEC
Location: KALAMAZOO COUNTY SHERIFF DEPT 1500 LAMONT AVE
PRIMARILY FOR NOVICE/TECH BUT
WILL TEST ADDITIONAL ELEMENTS
KALAMAZOO, MI 49001

16-Jul-2000

Sponsor: VAN WERT VE GROUP
Time: (No walk-ins)
Contact: ROBERT E HIGH (419)795-5763
VEC: ARRL/VEC
Location: CALL FOR INFO
VAN WERT, OH 45891

18-Jul-2000

Sponsor: UNSPONSORED
Time: 6:30 PM (Walk-ins allowed)
Contact: TERRY L MILLER (765)457-2449
VEC: ARRL/VEC
Location: UAW LOCAL 1166 2761 N 50 EAST RD
KOKOMO, IN 46902

22-Jul-2000

Sponsor: HANCOCK COUNTY ARC
Time: 9:00 AM (Walk-ins allowed)
Contact: ROBERT W SIMCOX (317)861-9621
VEC: ARRL/VEC
Location: SHERIFF'S BUILDING
EMERGENCY MANAGEMENT CENTER 123 E MAIN ST
GREENFIELD, IN 46140

22-Jul-2000

Sponsor: SUBURBAN ARA
Time: 09:00AM (No walk-ins)
Contact: THOMAS L COPELAND (419)826-7401
VEC: ARRL/VEC
Location: DELTA PUBLIC LIBRARY 402 MAIN ST
PRE-REGISTRATION ONLY
DELTA, OH 43515

27-Jul-2000

Sponsor: HAMILTON COUNTY ARES
Time: 7:00 PM (No walk-ins)
Contact: STEVEN P HENKE (317)578-0304
VEC: ARRL/VEC
Location: CARMEL FIRE STATION #1
CARMEL MUNICIPAL COMPLEX
CARMEL, IN 46032

29-Jul-2000

Sponsor: W5YI-VEC — WHITLEY COUNTY ARC
Time: 9:00 AM (Walk-ins allowed)
Contact: HENRY R MACKEY (219)244-7735
VEC: W5YI VEC
Location:
CALL FOR SITE LOCATION
COLUMBIA CITY, IN 46725

29-Jul-2000

Sponsor: CLINTON COUNTY ARC
Time: 9:00 AM (Walk-ins allowed)
Contact: SAMUEL F PAUL (765)659-1720
VEC: ARRL/VEC
Location: FRANKFORT PUBLIC LIBRARY
COURTHOUSE SQUARE 208 W CLINTON ST
FRANKFORT, IN 46041





For Sale

- Alinco DR-570T/E VHF/UHF dual band mobile xcvr \$250.00
- Drake MN2000 Antenna Tuner \$50.00
- ICOM IC-02AT 2M FM HT (w/ many accessories) \$170.00
- Kenwood SP 820 Speaker \$15.00
- Kenwood TR 751A 2M all mode xcvr \$300.00
- Kenwood TS 130S xcvr \$100.00
- Kenwood TS 440S 100W xcvr \$500.00
- MFJ 1621 Portable Antenna \$40.00
- MFJ 207 HF SWR Analyzer \$45.00
- MFJ 422B-X Electronic Key Paddle \$32.00
- MFJ 812B 144/220 MHz SWR/Wattmeter \$12.00
- MFJ 921 VHF 144/200 MHz Dual Band Tuner \$30.00
- MFJ 949D 300W Tuner \$65.00
- Mirage B215G 2M Amp 2W in - 150W out \$140.00
- Pyramid PS-7K 7A Power Supply \$10.00
- Pyramid PS-12 Phase III 10A Power Supply \$15.00
- Pyramid PS-35 Phase III Power Supply \$50.00
- Radio Shack Digital Signal Processor \$35.00
- Tempo S-2 220MHz, 1.5 W HT \$70.00

Contact KB9IBW on 146.88, 219-485-4120, or kb9ibw@yahoo.com for info on how to contact the seller.

* * * * *

- Drake C-line Twins (R-4C, T-4XC) with MS-4 speaker / power supply and desk mic. In very fine fine, if not mint condition. Serviced and aligned by Drake approximatly 100 hours ago. Complete with xmit. and rec. xtals for 160, 80, 40, 20, 15, and all three segments of 10. A good rig for the new ham! Asking \$400. Francis Barr W9ETT, 637-6479 or emfhbarr@ctlnet.com

* * * * *

- Daiwa LA-2035R 144 MHz linear amplifier w/ GaAs FET preamp. Input: 1-4 W, Output: >30 W. Very good condition with box, data sheet, mounting bracket & cables. Asking \$75.00.

- TPL PA3-1DE 144 MHz FM power amplifier. Input: 8-15 W, Output: 80-120 W. Good condition, with manual. Asking \$85.00.

Contact Vic Guess, WB9UZA, 485-7472, <wb9uza@arrl.net>

* * * * *

- PC Hardware: Linksys Ethernet 5-port Workgroup Hub

for 10 Mbps (10baseT) data transfer. Sold new for \$40 will sell for \$22

- PC Software: Email software Eudora Pro version 3 \$5

• PC Software: PC FIREWALL Software - Norton's Internet Security is a must for anyone with an "always on" internet connection. Works GREAT. Recently bought for \$55 will sell for \$25.

- Cell Phone: Nokia 252 analog cell phone with 1 NiCd and 1 NiMH battery pack, AC charger, mobile snap-in mount with charger, microphone, speaker, and thru-the-glass antenna. The mobile mount alone sells for \$150. Will sell entire package for \$75

Don Gagnon WB8HQ5 219-484-3317,
don.gagnon@home.com

NOTE: For Sale & Wanted items will be listed for 2 months only unless the ad is resubmitted. If you sell an item the first month, please contact the editor so the item can be removed. Thank you.

GPS Selective Availability Is History

from *The ARRL Letter* – As of the first of the month, your GPS receiver became a whole lot more accurate. President Clinton ordered GPS selective availability terminated as of midnight on May 1.

Eric Lemmon, WB6FLY, called the action "a huge benefit to hams who are into APRS, because the SA error will no longer hamper its accuracy." Selective Availability was an error introduced for national security purposes. It prevented GPS from being as accurate as it could have been for civilian users. With SA turned off, accuracy is expected to be as much as 10 times better.

Harry Pyle, AB7TB, charted the error at the changeover. His data show the GPS error—typically in the 100 to 200 foot range—dramatically dropping to something on the order of from 10 to 20 feet when SA was turned off.

Chuck Heron, KD7BWG, suggests one area of caution. "Most topographic maps used in the United States are in NAD27 CO-NUS datum. Some of the newer mapping programs available for APRS and computer usage are in WGS 84 datum," he points out. Before attempting to use GPS for some coordinated activity, such as during a disaster response, Heron recommends putting all GPS units on the same map datum (this is typically done via a navigation setup screen on the GPS unit). This will put all users on the same page, so to speak, when using GPS coordinates in conjunction with hard-copy or CD-ROM maps.

More information on the elimination of SA is at: <http://www.igeb.gov> .—thanks to Eric Lemmon, WB6FLY; Chuck Heron, KD7BWG; and Harry Pyle, AB7TB

Membership Application for FWRC - or - ACARTS (check one)

Name: _____ Call sign: _____ License class: _____

Street address: _____ City: _____

State: _____ ZIP : _____⁴ _____ Phone #: (_____) _____ - _____ Unlisted? Yes

Email address: _____ ARRL Member? Yes

Fort Wayne Radio Club Dues

Regular membership	<input type="checkbox"/> \$15.00 / year
Family membership ¹	<input type="checkbox"/> \$21.00 / year
Student membership ²	<input type="checkbox"/> \$6.00 / year
Associate membership ³	<input type="checkbox"/> \$15.00 / year

(Memberships for Jul - Dec are 1/2 the stated amounts.)

1. Please list all names and calls on an attached sheet.
2. K-12 or full time student

May we list your name, call & email address in our membership roster and on our club web site? Yes No

Both clubs now offer email delivery of this newsletter as a (Adobe Acrobat) PDF file, in lieu of a paper copy sent through the mail. How would you like your newsletter delivered? by email by snail mail download from web site.

Please attach a check (number _____) for the appropriate amount and bring to a club meeting or mail to:

Fort Wayne Radio Club
PO Box 15127
Fort Wayne, IN 46885

A.C.A.R.T.S.
PO Box 10342
Fort Wayne, IN 46851

For dual membership, fill out both sides and send 2 checks to either club.

ACARTS Voice Repeaters

146.880 (-)	General use / Skywarn priority
147.255 (+)	General use / Autopatch priority
443.800 (+)	General use

(All repeaters have autopatch, but 88 has only speed dial emergency #'s.)

ACARTS Digital Repeaters (digipeaters)

144.390 (s)	APRS - wide
145.010 (s)	General use, NETROM (FWA) - wide
223.660 (s)	BBS use ONLY NETROM (FWA220) - wide

Fort Wayne Radio Club Repeaters

Voice:	146.76 (-)	General use; (2 sec. initial keyup delay)
	146.94 (-)	General use with autopatch
	146.91 (-)	Autopatch only
	444.875 (+)	General use
ATV:	439.25 In, 910.250 Out, 144.340 Audio & control	

Area Traffic Nets

(please submit any changes or corrections to the editor)

IMO: meets nightly at 2330 UTC (6:30 PM) on 146.88

A.C.A.R.T.S. Dues

Regular membership	<input type="checkbox"/> \$12.00 / year
Additional family members ¹	<input type="checkbox"/> \$6.00 / year
Student membership ²	<input type="checkbox"/> \$6.00 / year
Associate membership ³	<input type="checkbox"/> \$6.00 / year

(New Regular memberships are \$1/month)

3. unlicensed member
4. 9 digit ZIP code required for US bulk mail

Area Traffic Nets - Continued

Auburn: meets Mon., Tue., Wed., Thur., Fri., & Sat. at 2300 UTC (6 PM) on 147.015+

21 Repeater Group: meets each Wednesday at 0200 UTC (9 PM) on 147.150

Miscellaneous Nets

Huntington ARES: Sat/Tues at 0100 UTC (8 PM) on 146.685

Portside: 3rd Wednesday at 0030 UTC (7:30 PM) on 444.300

Whitley Co. / ARES: Wednesdays at 0015 UTC (7:15 PM) on 145.270
- (Note 131.8 PL disabled for all nets)

Whitley Co. Sunday: Sundays at 0045 UTC (7:45 PM) on 444.550+.
(The 146.460 simplex crossbanding from both nets has been dropped.)

Sloppy Code Net: Sundays at 0200 UTC (9 PM) on 40M (7.1405 MHz). This CW net's purpose is to build confidence and help increase code speed. The speed is generally 1-10 WPM. If you want to copy only contact Henry, KA9ZNN at 749-8968 for details..

Six Meter AM net (informal): Every Saturday night at 7:00 pm on 50.580 MHz . Intercom on 146.430 simplex.